

## Report of Survey for Repairs, &amp;c., of Engines and Boilers.

(Received at London Office)

Date of writing Report 18 When handed in at Local Office 18

No. in Reg. Book. Survey held at London Date, First Survey Nov 19<sup>th</sup> Last Survey 24 Dec 1897

91. on the Machinery of the Wood, Iron or Steel S.S. Warrigal Master A. W. Bond

Tonnage { Gross 485 Net 277 Vessel built at Sid. By whom Tunderland S.B. Co. Ltd When 1893 YEAR. MONTH. 8.

Registered Horse Power 352 Engines made at Sue. When 1893 Boilers, when made (Main) 1893 (Donkey) 1893

No. of Main Boilers 3 Owners W. Lund. Port London. Voyage Australia.

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Victoria Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers 200 lbs. in Donkey Boilers 80 lbs.

Last Survey No. S.S. No. 1. Port London.

Particulars of Examination and Repairs (if any) S.S. No. 1. 100 A. 1. 7. 97 L.M.C. 8. 93.

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the date and initials of any letters respecting this case.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

Do. " Donkey " " " Yes.

If this was not done, state for what reasons? ✓

And what parts of the Boilers could not be thus thoroughly examined? ✓

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes. At what pressure were they afterwards adjusted under steam? 200 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes. To what pressure were they afterwards adjusted? 80 lbs.

Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new? ✓

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 3/6"

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete.

Examined Main & Donkey Boilers internally and externally and safety valves, also cylinders, pistons, valves, pumps, condenser, bilge connections, cranks, thrust, and funnel shafts, all in good condition. Donkey Boiler safety valves adjusted under steam 80 lbs. Propeller Stern-bush and Sea connections examined in dry dock and found satisfactory. Engines and Main Boilers tried under steam and the safety valves found to be loaded as above. Copy of letter to Owner attached.

## General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9, 95, B. & M.S. 9, 95 or L.M.C. 9, 95, 140 lb., F.D., &c.)

The Machinery of this vessel so far as now seen is in good condition and in our opinion eligible to remain as classed with fresh record of + L.M.C. 12. 97 Subject to the Trial being examined at end of next voyage.

Office or Registration Fee (per Sec. 27) £ 5. 10. 0. Fees applied for 24/12. 18 97

Survey Fee (per Section 28) £ 11. 0.

Special Damage Fee (per Section 28) £ 4. 19. 0.

Travelling Expenses (if chargeable) £ 4. 19. 0.

Received by me, W. Salmon and

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

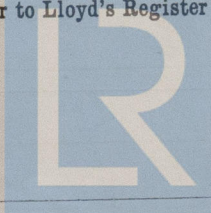
\*State if Certificate is required

Committee's Minute

Assigned

TUES. 28 DEC 1897

TUES. 12 JUL 1893



Lloyd's Register Foundation

LON714-0228



L. L. h<sup>o</sup> 1 due 8.97.

It is submitted that  
this vessel is eligible for

THE RECORD. B. S. 12.97

& will be eligible for the record + L. h. C. 12.97 when  
the screw shaft has been drawn & examined.

Owners to be advised

See B. 24/12/97

A. S.

24.12.97

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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